

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiromi SAITOH

Group Art Unit: 2871

Application No.: 10/608,475

Examiner: M. T. T. Ton

Filed: June 30, 2003

Docket No.: 104455.01

For: ELECTRO-OPTICAL PANEL, ELECTRO-OPTICAL PANEL MODULE, AND
PROJECTION DISPLAY DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. English-language Abstracts of the non-English language references are attached hereto. See References 1-3 and 5-11.
- ☒ 3. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy. See References 1, 4, 5, 6, 7, 8, 10 and 11.
- ☒ 4. The references are cited by or submitted to the Office in parent application No. 09/455,447, filed December 6, 1999, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,



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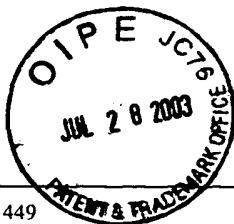
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Date: July 28, 2003

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DEPOSIT ACCOUNT USE
AUTHORIZATION

Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461



Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 104455.01		APPLICATION NO. 10/608,475	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Hiromi SAITOH			
				FILING DATE June 30, 2003		GROUP 2871	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1	JP 11-149254A w/Abstract & Translation	06/1999	Japan			
	2	JP 63-264720A w/Abstract	11/1998	Japan			
	3	JP 09-113906A w/Abstract	05/1997	Japan			
	4	JP 02-095379U w/Translation	07/1990	Japan			
	5	JP 05-034655A w/Abstract & Translation	02/1993	Japan			
	6	JP 10-123964A w/Abstract & Partial Translation	05/1998	Japan			
	7	JP 11-084350A w/Abstract & Translation	03/1999	Japan			
	8	JP 06-258637A w/Abstract & Translation	09/1994	Japan			
	9	JP 01-302386A w/Abstract	12/1989	Japan			
	10	JP 11-052325A w/Abstract & Translation	02/1999	Japan			
	11	JP 10-232629A w/Abstract & Translation	09/1998	Japan			
	12	JP 14-387949A	11/2002	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 28, 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **FUKUDA, Tetsuo, et al.**

Group Art Unit: **Not yet assigned**

Serial No.: **10/607,013**

Examiner: **Not yet assigned**

Filed: **June 27, 2003**

*P3374-0698-030766

For: **SEMICONDUCTOR SUBSTRATE AND METHOD FOR
FABRICATING THE SAME**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 28, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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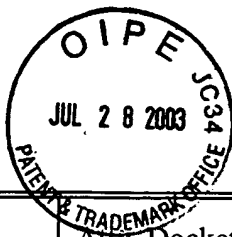


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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 (3) and references (23)

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INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 030766	Serial No. 10/607,013
	Applicant(s): FUKUDA, Tetsuo, et al.	
	Filing Date: June 27, 2003	Group Art Unit:

U.S. PATENT DOCUMENTS

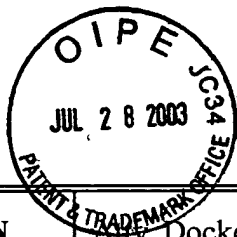
Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)	
_____	AC	Hei 09-246505 (A)	9-1997	Japan
_____	AD			

OTHER DOCUMENTS

_____	AE	T. Tsuchiya, Prospect of SOI devices, OYO BUTURI, Vol. 66, No. 11, pp.1191-1198, (1997)		
_____	AF	Y.Yamaguchi et al., IEEE Trans. Electron Devices, <u>40</u> , p.179, (1993).		
_____	AG	G. Abstreiter et al., Phys. Rev. Lett., <u>54</u> , p.2441, (1985).		
_____	AH	D.K. Nayak et al., Appl. Phys. Lett., <u>70</u> , p.2853, (1993).		
_____	AI	K.K. Linder et al., Appl. Phys. Lett., <u>70</u> , p.3224, (1997).		
_____	AJ	E. A. Fitzgerald et al., Appl. Phys. Lett., <u>59</u> , p.811, (1991).		
_____	AK	A. R. Powell et al., Appl. Phys. Lett., <u>64</u> , p.1856, (1994).		
_____	AL	Y. Ishikawa et al., Appl. Phys. Lett., <u>75</u> , p.983 (1999).		
<table border="1"> <tr> <td>Examiner</td> <td>Date Considered</td> </tr> </table>			Examiner	Date Considered
Examiner	Date Considered			



INFORMATION DISCLOSURE CITATION PTO-1449	App. Docket No. 030766	Serial No. 10/607,013
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FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)

OTHER DOCUMENTS

_____	AM	T. Mizuno et al., IEEE Electron Devices Lett., <u>EDL-21</u> , p.230, (2000).
_____	AN	T. Mizuno et al., Tech. Dig. Int. Electron Devices Meet., Washington, (1999), p. 934.
_____	AO	S. J. Burden, Semiconductor Fabtech, Mar., 2001, 13 th Ed., p.297.
_____	AP	M. A. Palmer et al., Phy. Rev. B, <u>56</u> , p. 9431, (1997).
_____	AQ	W.S. Capinski et al., Appl. Phys. Lett. <u>71</u> , p.2109, (1997).
_____	AR	T. Ruf et al., Solid State Commun., <u>115</u> , p.243, (2000).
_____	AS	G. Ottaviani et al., Phys. Rev. <u>B12</u> , p.3318 (1975).
_____	AT	H-J. Mussig et al., Proc. 3 rd Int'l Symp. on Advanced Sci. and Tech. of Si Mat., The Jpn Soc. Prom. Sci., (2000), p.374.
Examiner _____ Date Considered _____		



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 030766	Serial No. 10/607,013
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FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____	_____	_____	_____

OTHER DOCUMENTS

_____	AU	T. Sato et al., Phys. Rev. B, <u>4</u> , p.1950, (1971).
_____	AV	S. Nakashima, et al., J. Electrochem. Soc. <u>143</u> , p.244, (1996).
_____	AW	S. Nakashima et al., Electron, Lett. <u>26</u> , p.1647, (1990).
_____	AX	Jaccodine et al, J. Appl. Phys. <u>37</u> , p.2429, (1966).
_____	AY	G. Lucovsky et al., The Physics and Chemistry of SiO ₂ and the SiO ₂ Interface, edited by C.R. Helms et al., Plenum Press, NY, (1988), p.139.
_____	AZ	H.J. Herzog, et al., J. Electrochem. Soc., <u>131</u> , p.2969, (1984).

Examiner	Date Considered
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